

Fig. 1

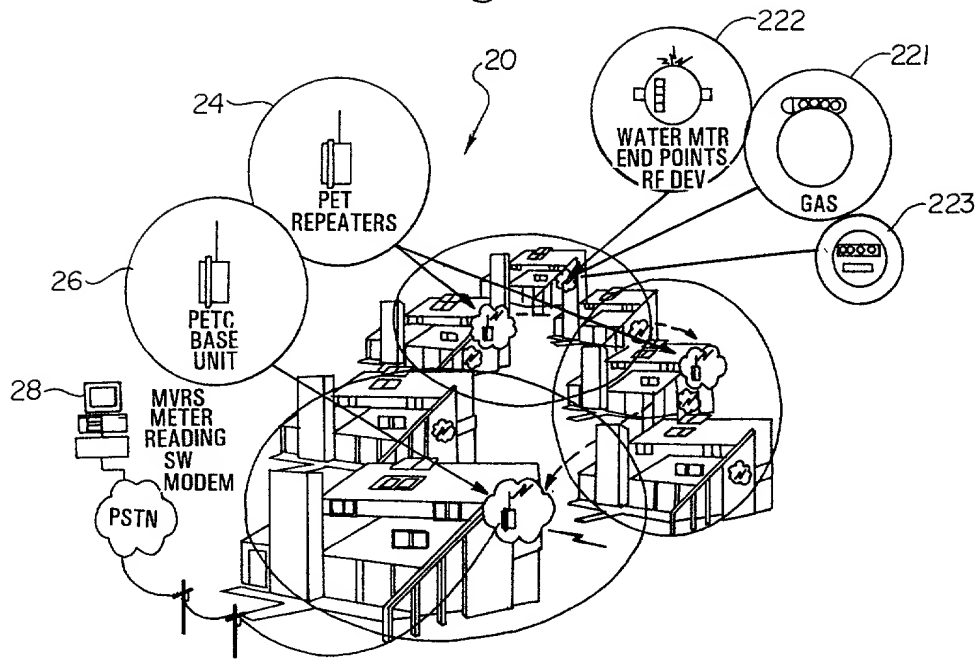


Fig. 2

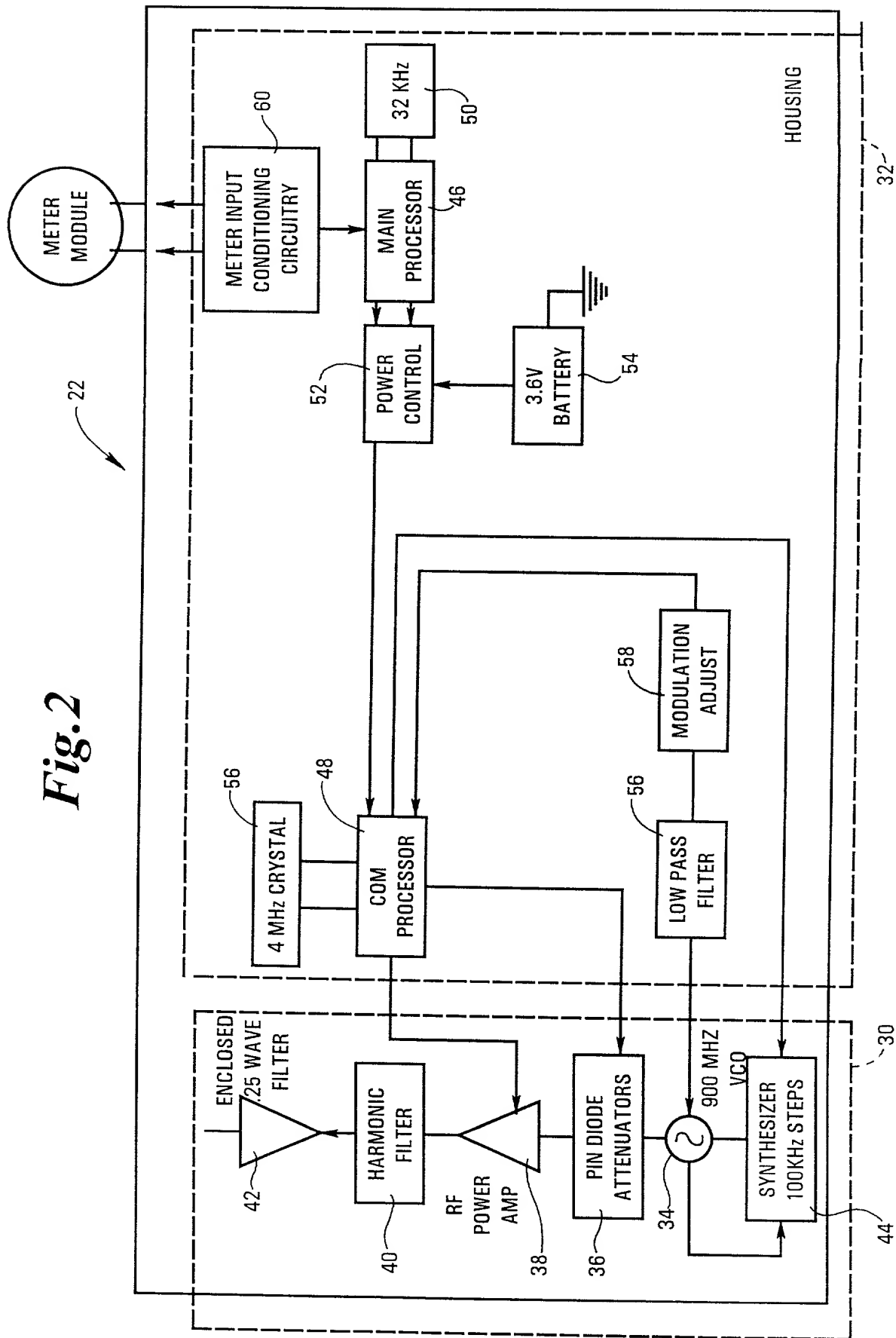


Fig.3

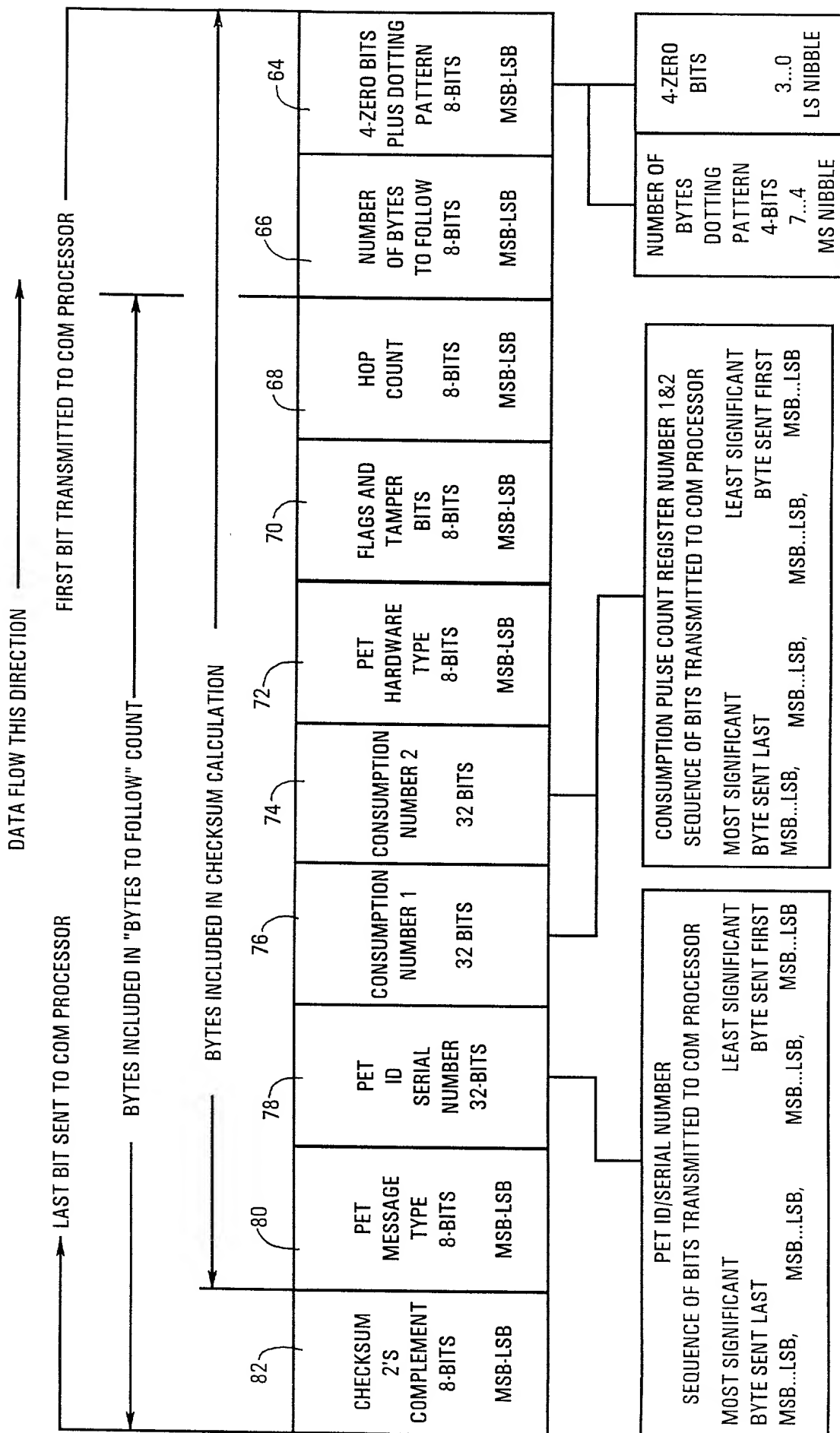


Fig. 4

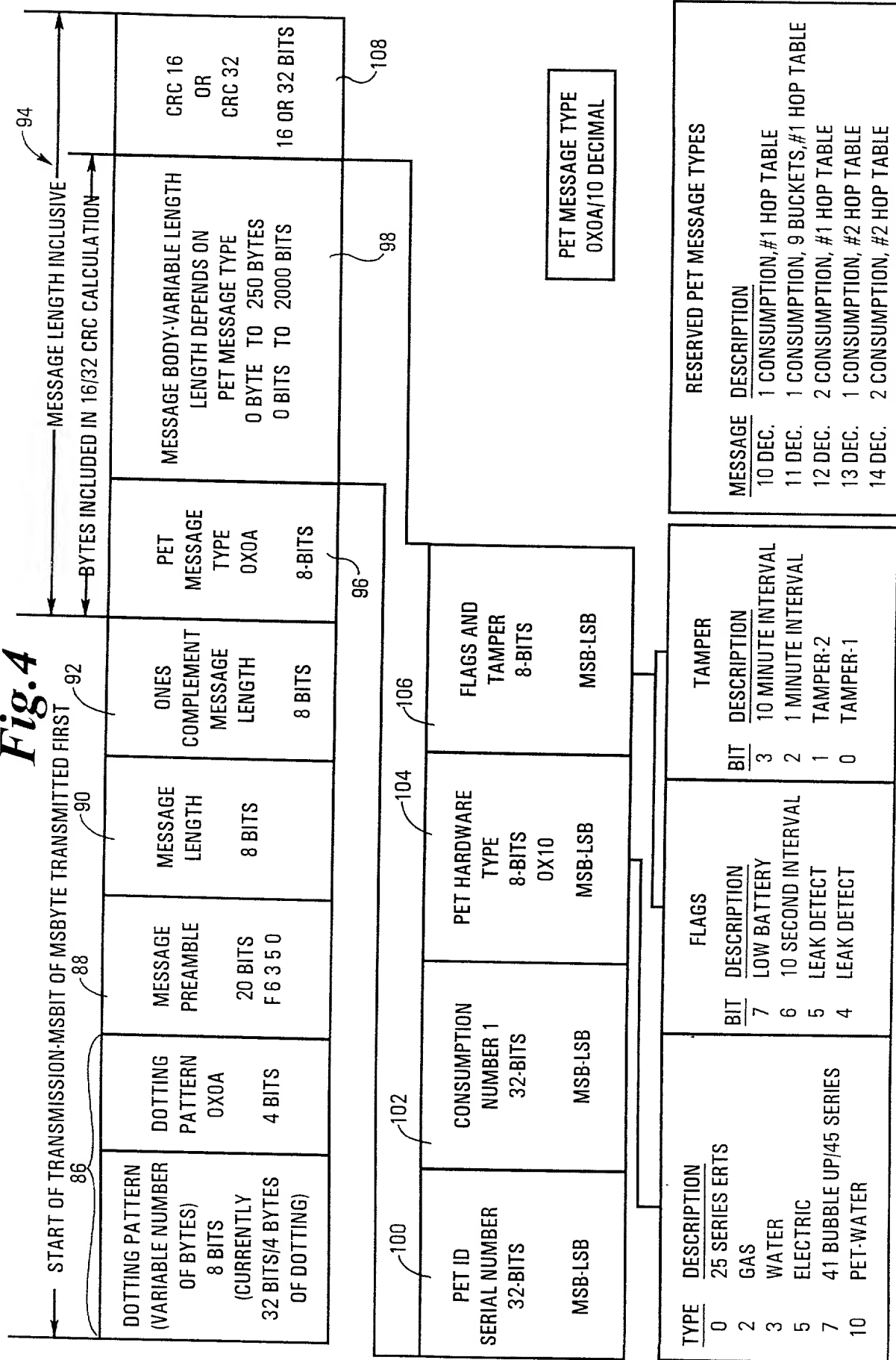


Fig. 6

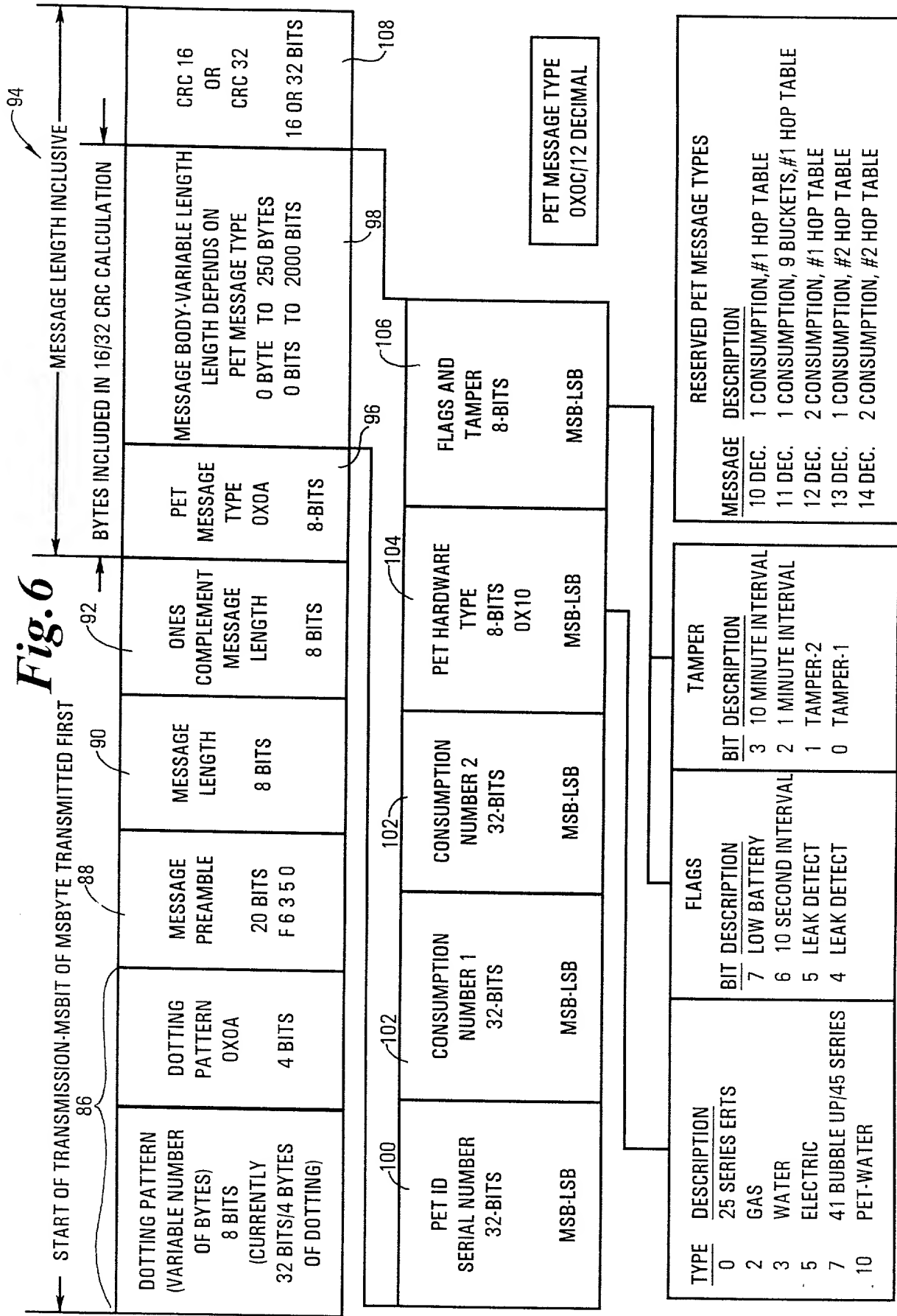


Fig. 7

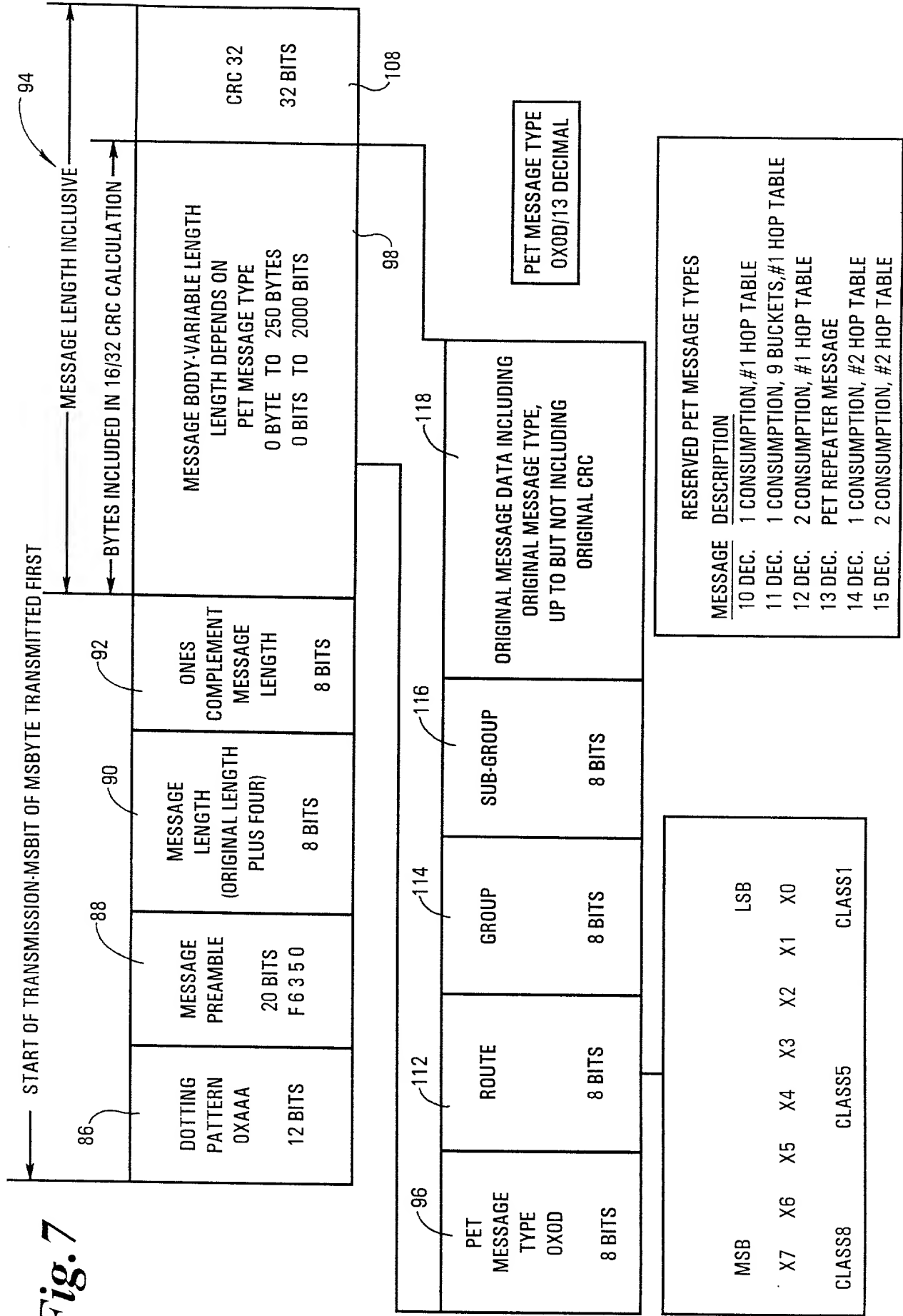
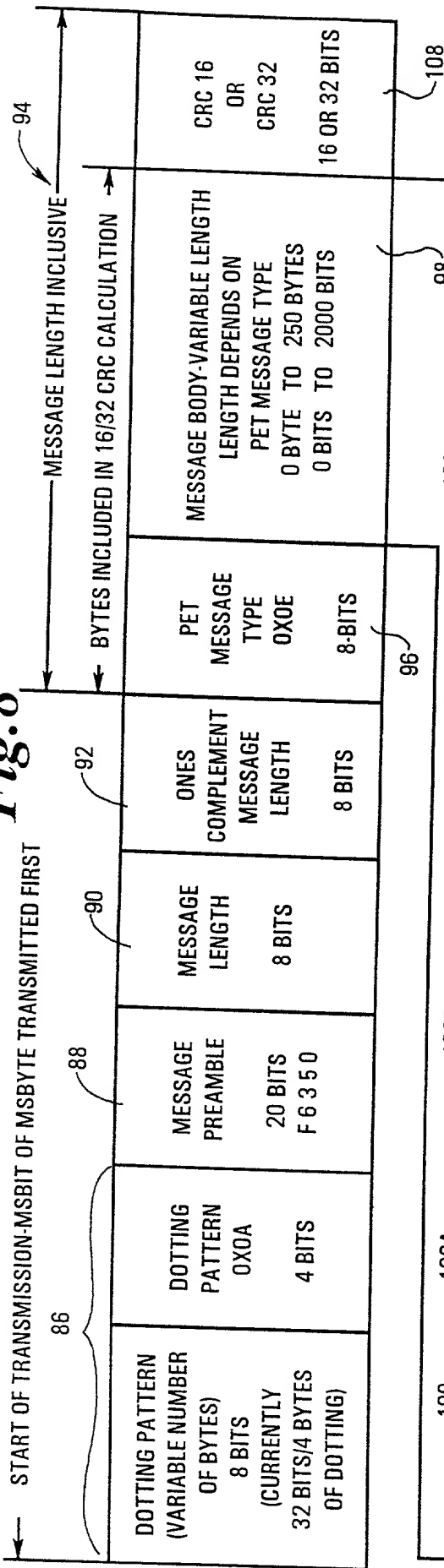


Fig.8

START OF TRANSMISSION-MSBIT OF MSBYTE TRANSMITTED FIRST



PET MESSAGE TYPE
0X0E/14 DECIMAL

RESERVED PET MESSAGE TYPES	
MESSAGE	DESCRIPTION
10 DEC.	1 CONSUMPTION, #1 HOP TABLE
11 DEC.	1 CONSUMPTION, 9 BUCKETS, #1 HOP TABLE
12 DEC.	2 CONSUMPTION, #1 HOP TABLE
13 DEC.	1 CONSUMPTION, #2 HOP TABLE
14 DEC.	2 CONSUMPTION, #2 HOP TABLE

TAMPER	
BIT	DESCRIPTION
3	10 MINUTE INTERVAL
2	1 MINUTE INTERVAL
1	TAMPER-2
0	TAMPER-1

FLAGS	
BIT	DESCRIPTION
7	LOW BATTERY
6	10 SECOND INTERVAL
5	LEAK DETECT
4	LEAK DETECT

TYPE DESCRIPTION	
0	25 SERIES ERTS
2	GAS
3	WATER
5	ELECTRIC
7	41 BUBBLE UP/45 SERIES
10	PET-WATER

Fig.9

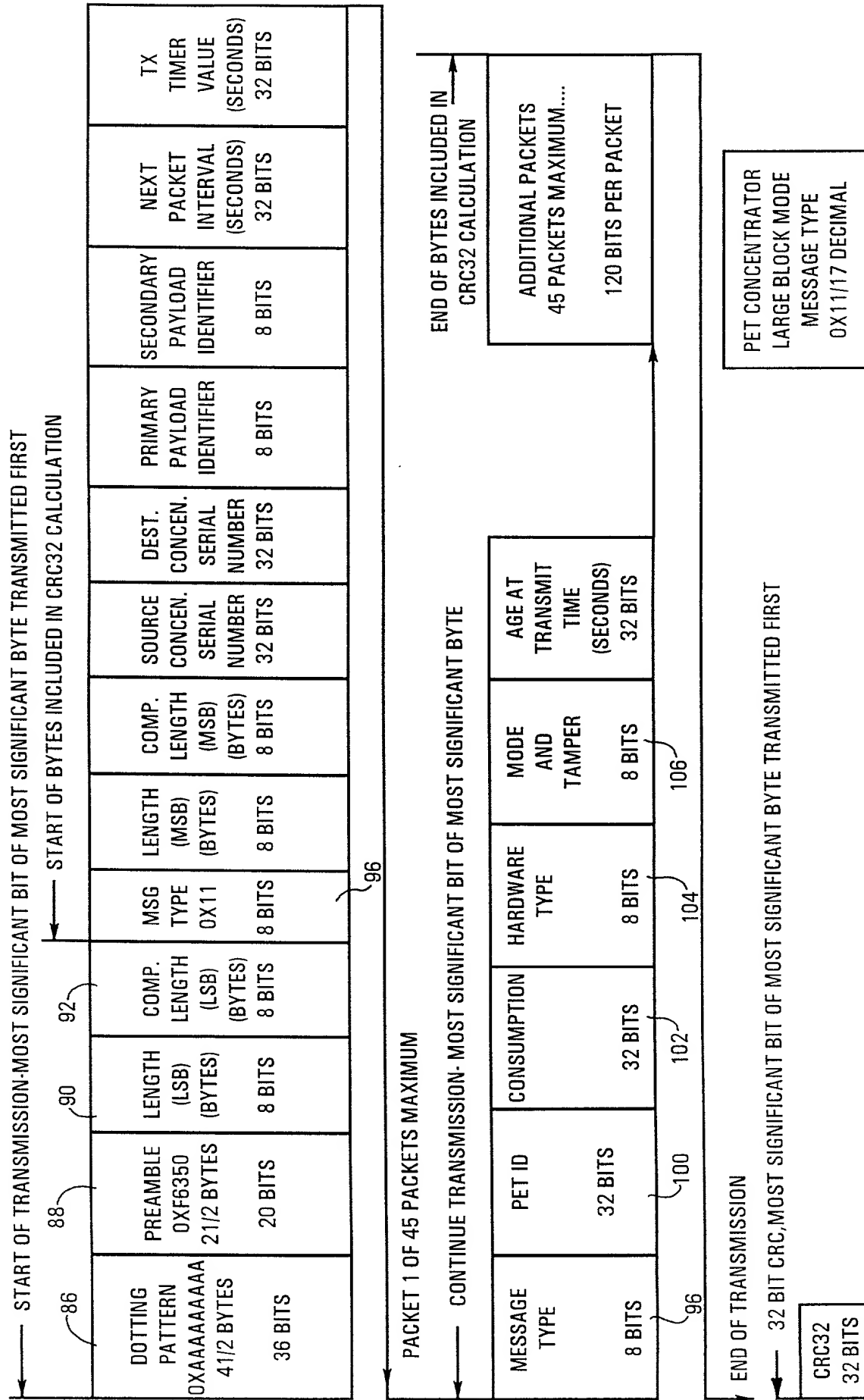


Fig.10

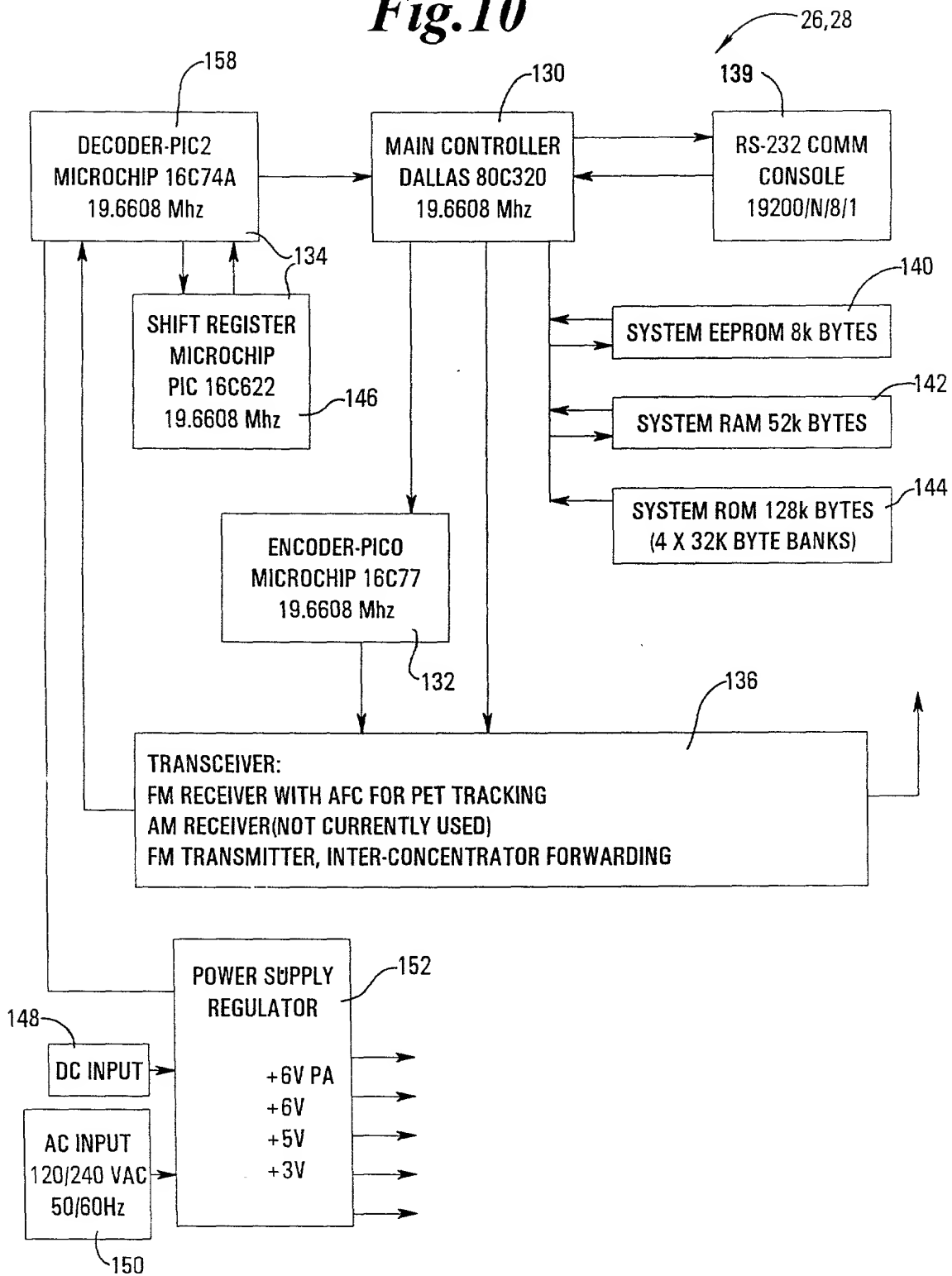


Fig. 11

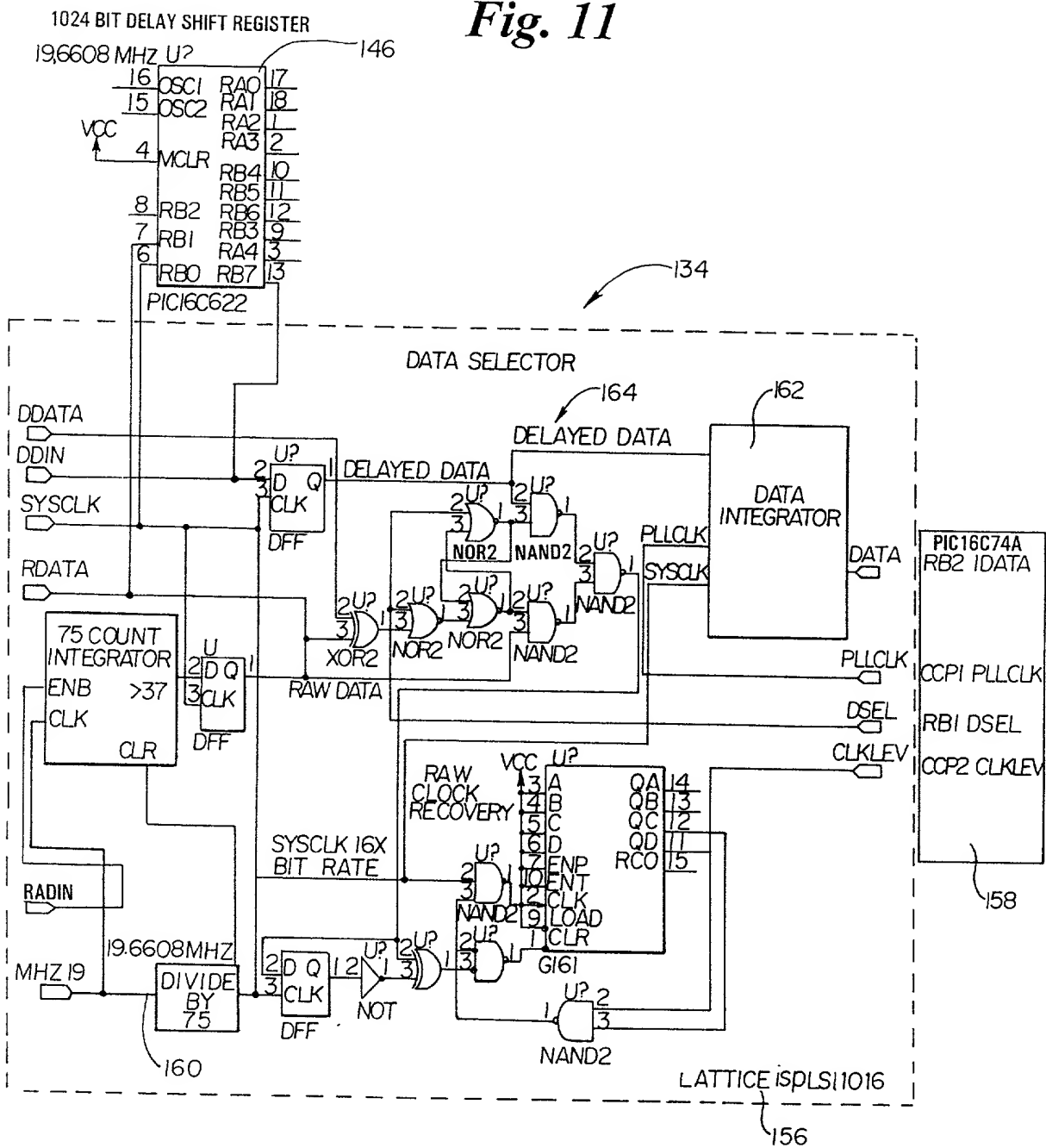


Fig. 12

FIG. 12A	FIG. 12B	FIG. 12C
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Fig.12A

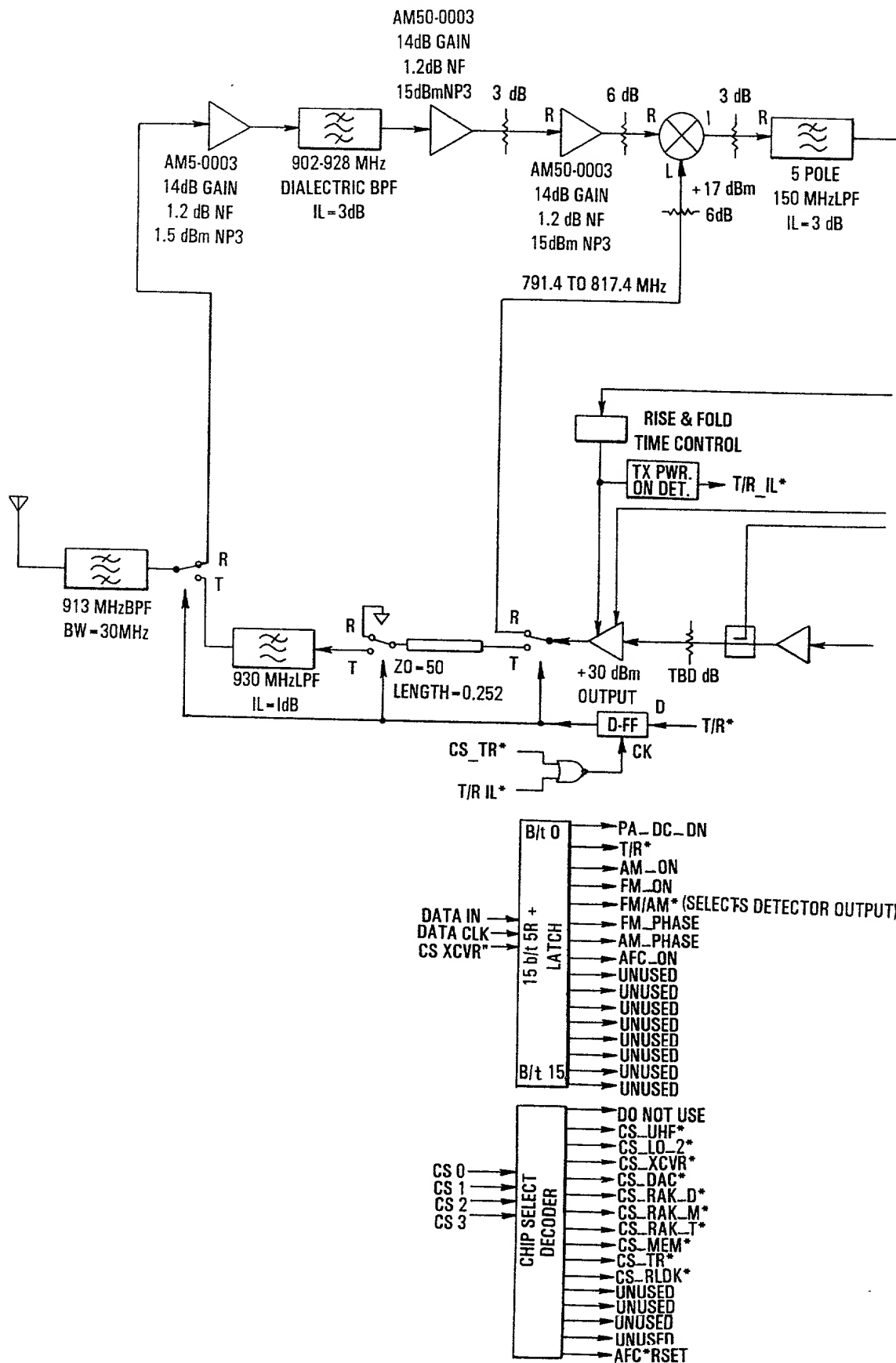
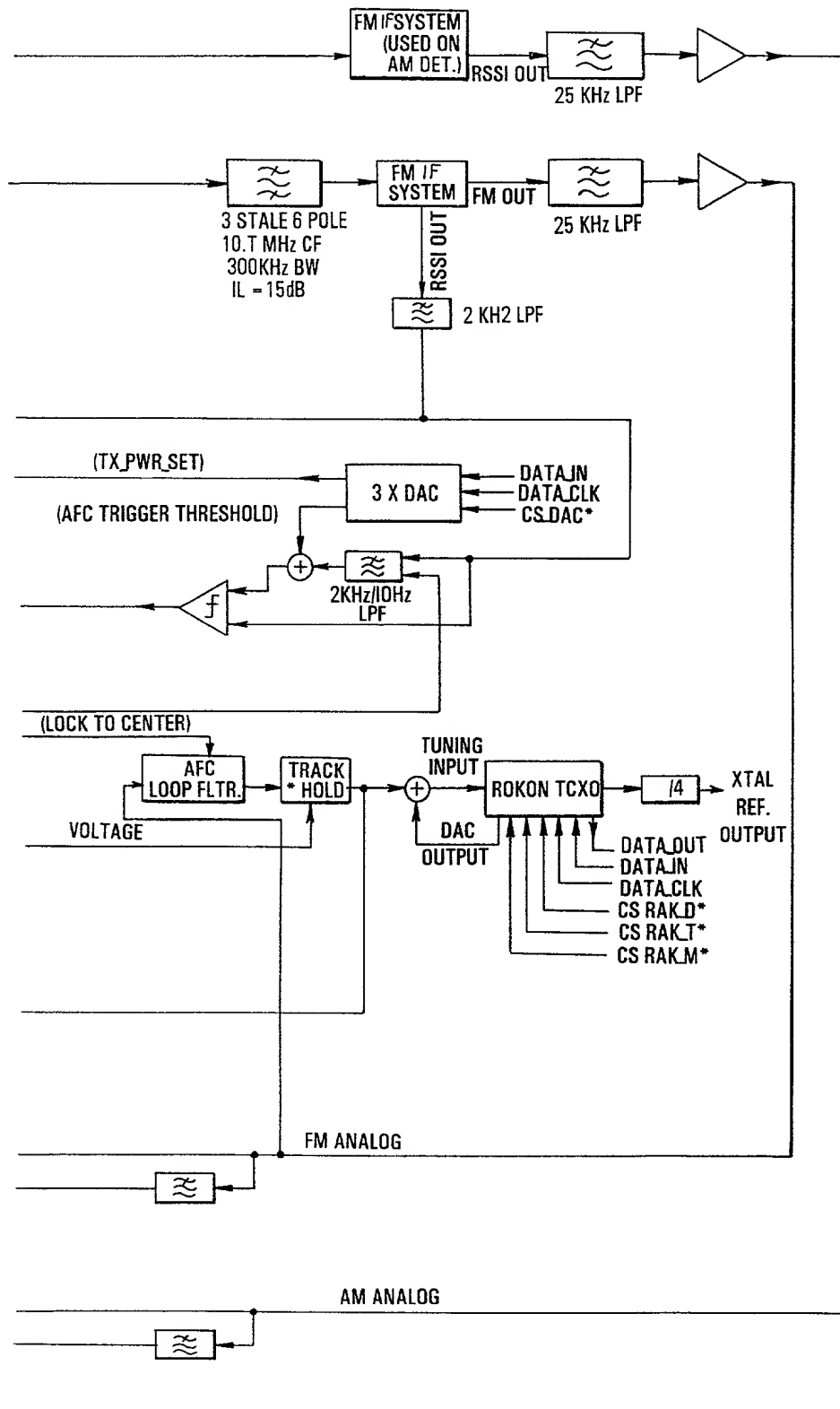
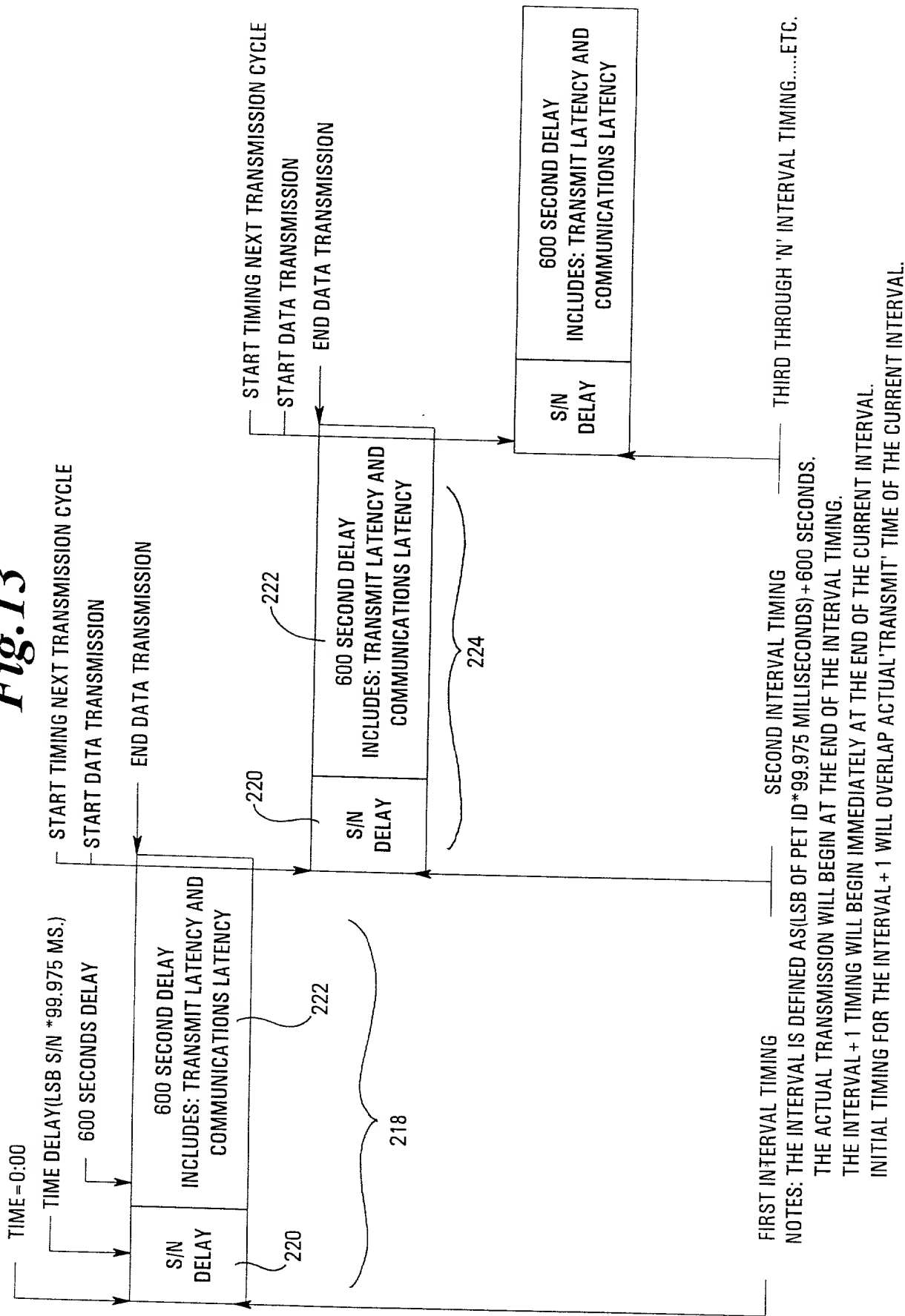


Fig.12C



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Fig. 13



PET RECEIVER MINIMUM WINDOW

NOTE: THE WINDOW REQUIRED IS 380 MILLISECONDS(200ms EARLY PLUS 180ms LATE) THIS REPRESENT THE MINIMUM TIME NECESSARY TO COMPENSATE FOR CRYSTAL TOLERANCES AND PREAMBLE DETECT.
 200 MILLISECONDS REPRESENTS 180 MILLISECONDS EARLY PLUS 20 MILLISECONDS ALLOWED FOR PREAMBLE DETECT TO OCCUR.
 THE INTERVAL IS MAINTAINED AND REPRESENTS THE TIME FROM ONE PREAMBLE DETECT TO THE NEXT PREAMBLE DETECT.

Fig.14

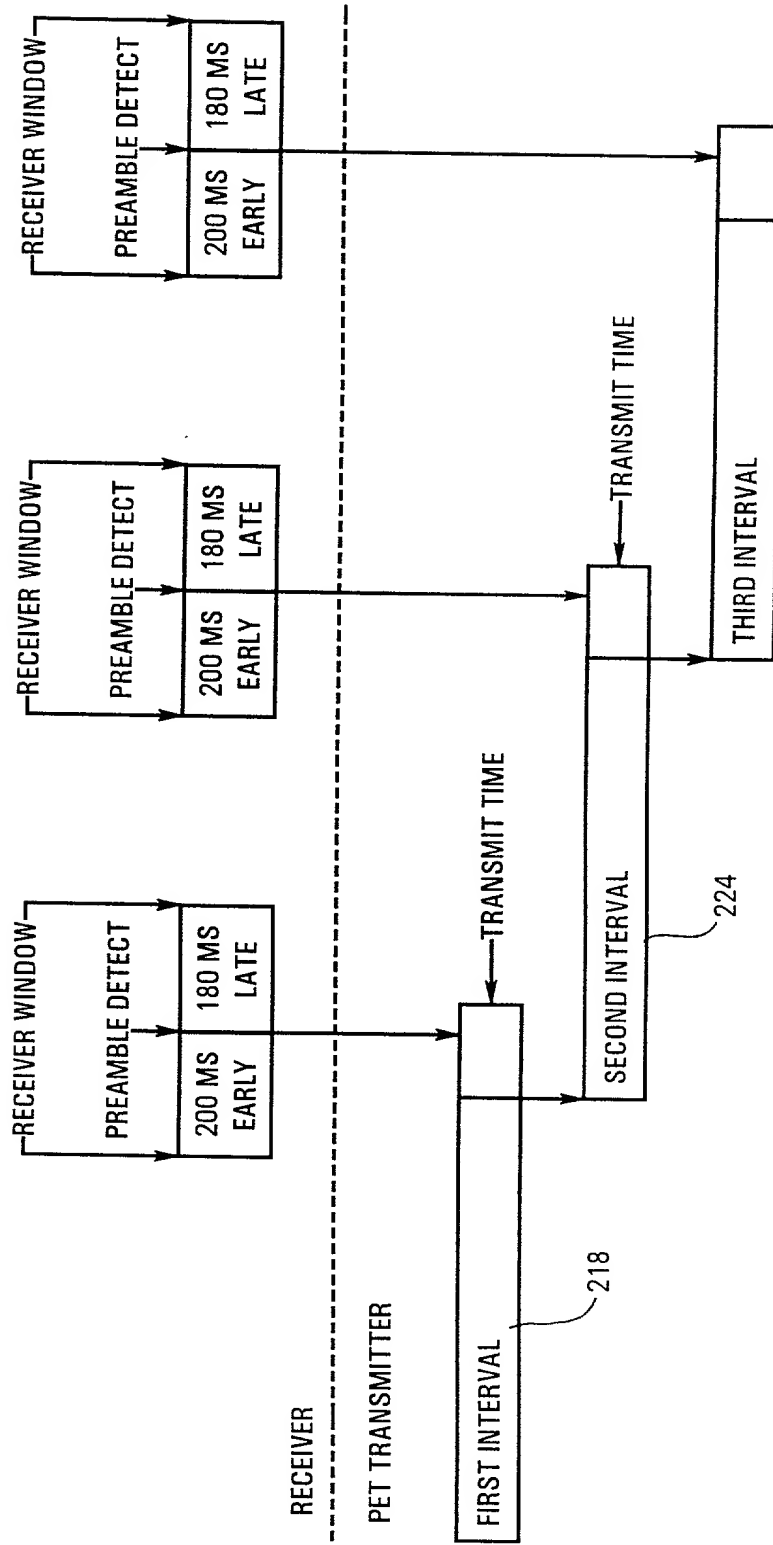


Fig. 15

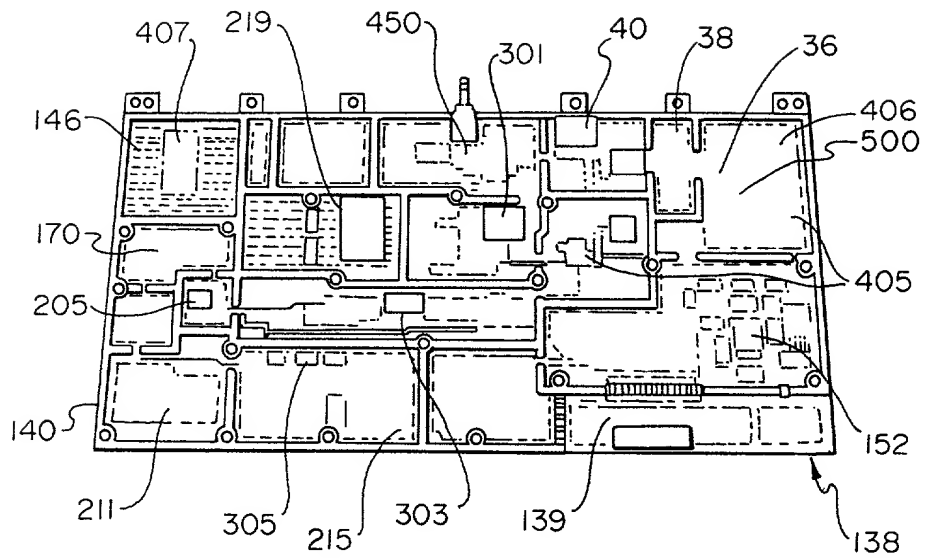


Fig. 16

